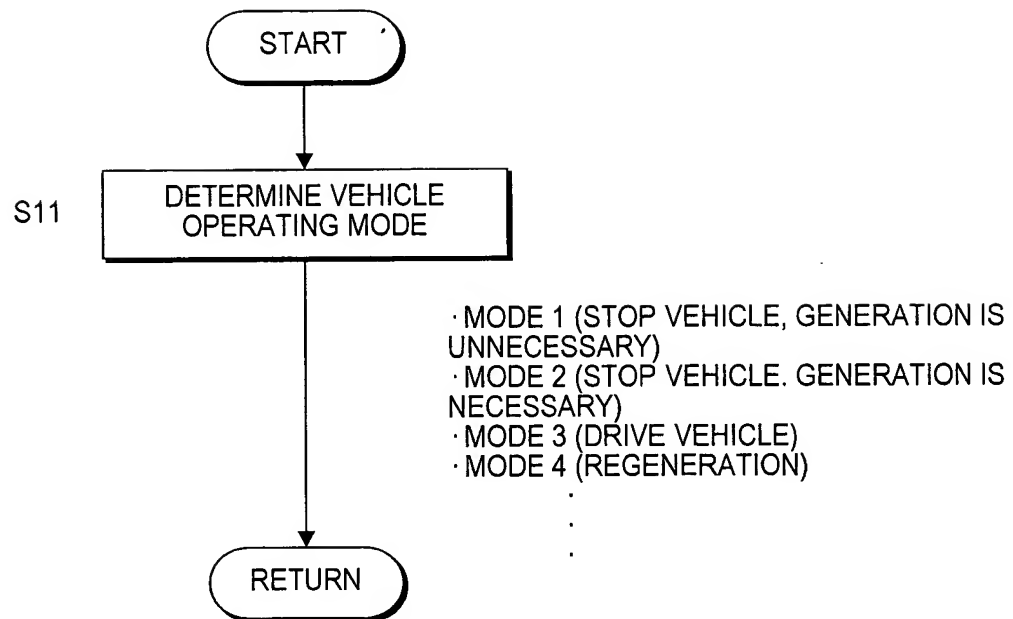
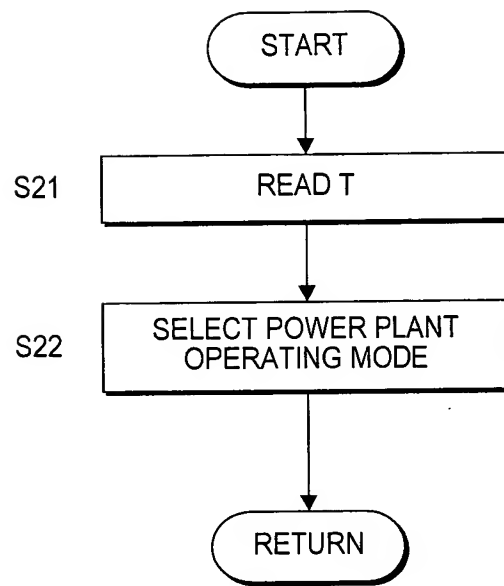


**FIG. 1**



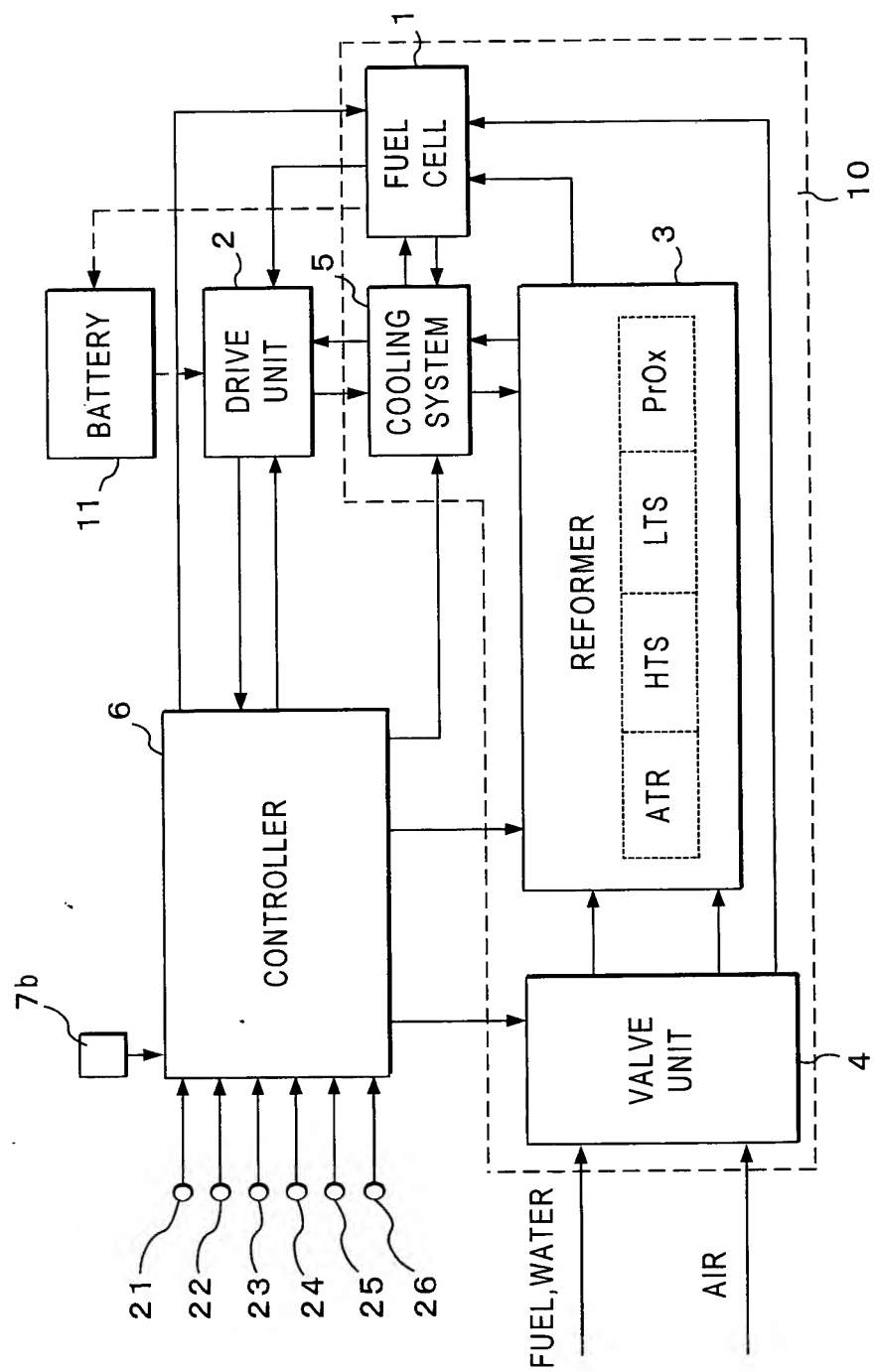
**FIG. 2**



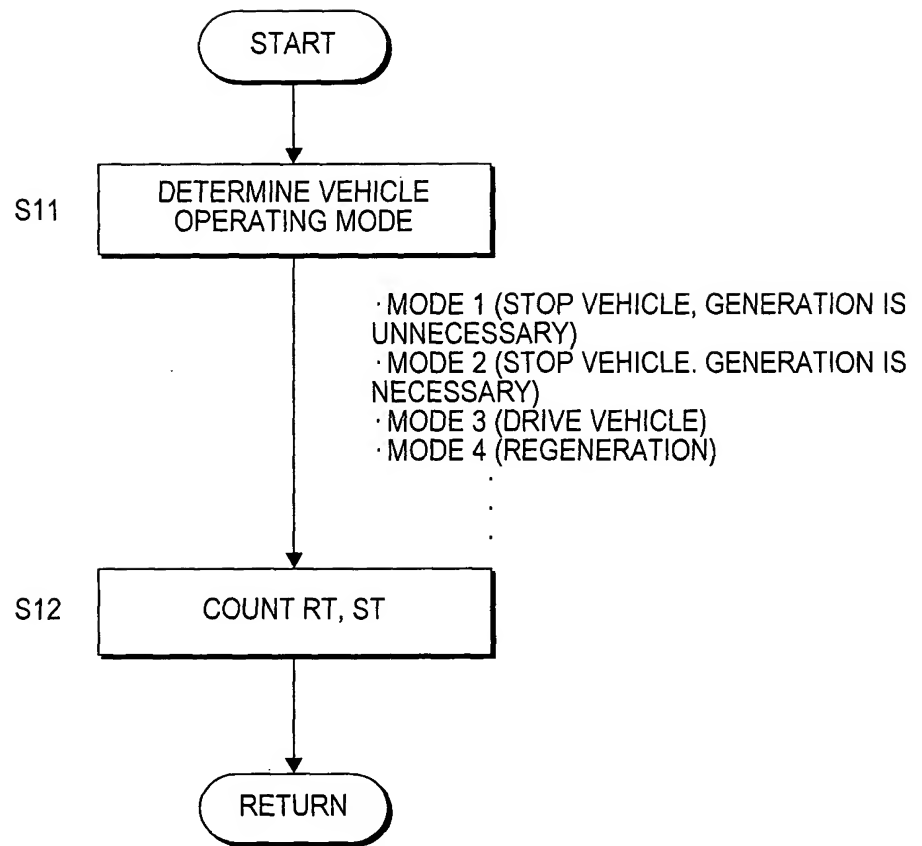
**FIG. 3**

| REFORMER TEMPERATURE T [°C]                        |                       |
|--|-----------------------|
| T < T <sub>0</sub>                                 | T ≥ T <sub>0</sub>    |
| HEAT<br>GENERATION/<br>DISSIPATION<br>BALANCE MODE | COMPLETE STOP<br>MODE |

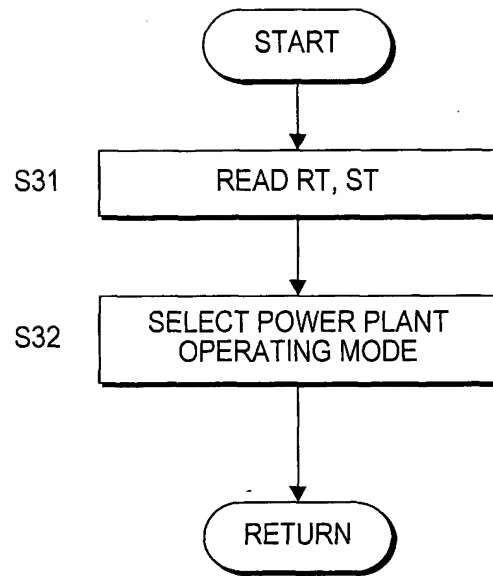
**FIG. 4**



**FIG. 5**



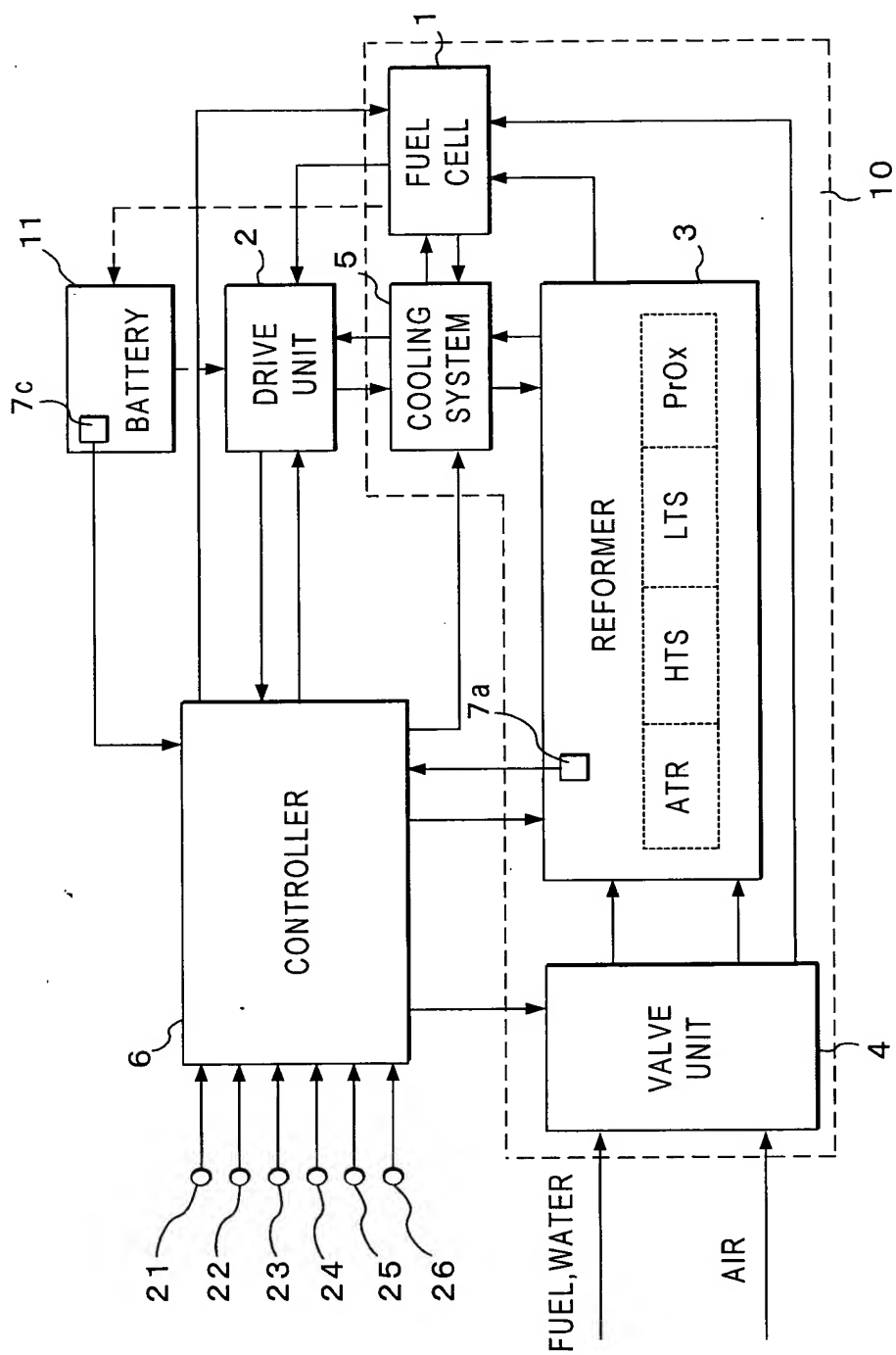
**FIG. 6**



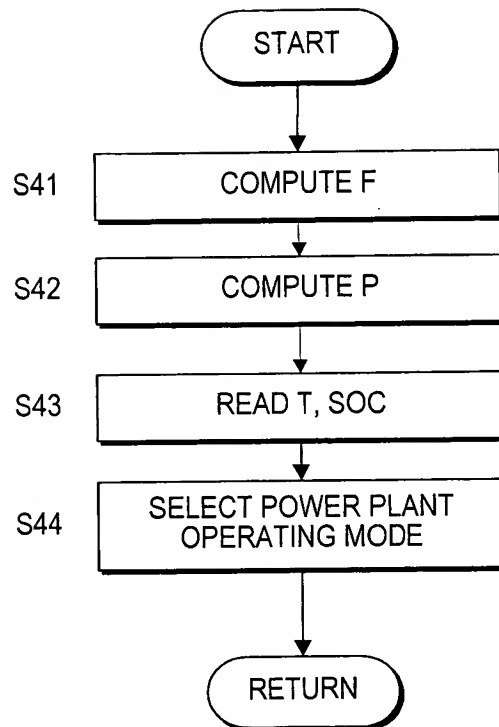
**FIG. 7**

|                        |         | RUNNING TIME RT [min]                           |   |   |
|------------------------|---------|---|---|---|
|                        |         | RT<10   | 10≤RT<15  | 15≤RT   |
| STOPPING TIME ST [min] | ST<5    | HEAT GENERATION/<br>DISSIPATION<br>BALANCE MODE | COMPLETE STOP<br>MODE                           | COMPLETE STOP<br>MODE                           |
|                        | 5≤ST<10 | HEAT GENERATION/<br>DISSIPATION<br>BALANCE MODE | HEAT GENERATION/<br>DISSIPATION<br>BALANCE MODE | COMPLETE STOP<br>MODE                           |
|                        | 10≤ST   | HEAT GENERATION/<br>DISSIPATION<br>BALANCE MODE | HEAT GENERATION/<br>DISSIPATION<br>BALANCE MODE | HEAT GENERATION/<br>DISSIPATION<br>BALANCE MODE |

**FIG. 8**



**FIG. 9**

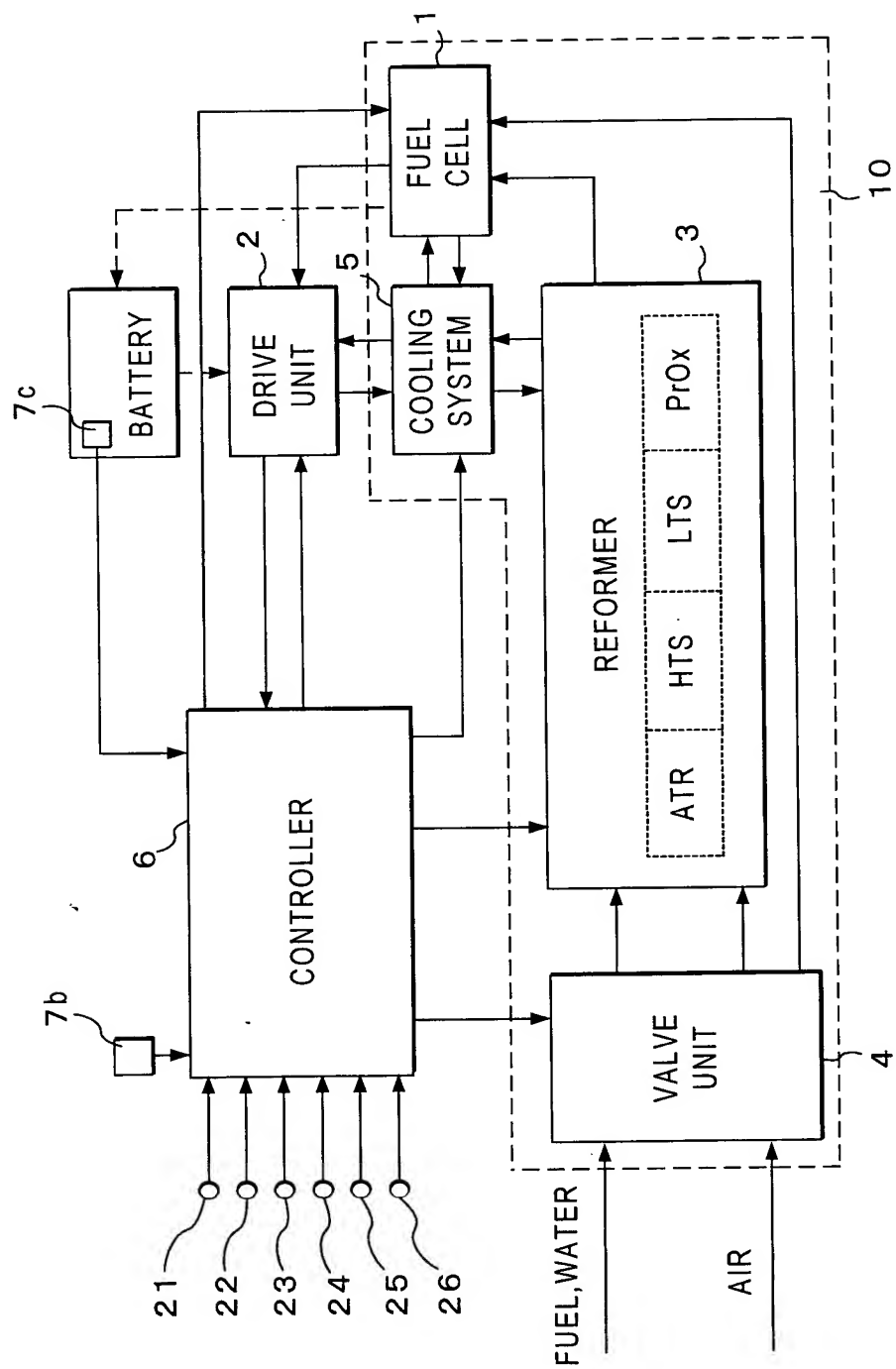


**FIG. 10**

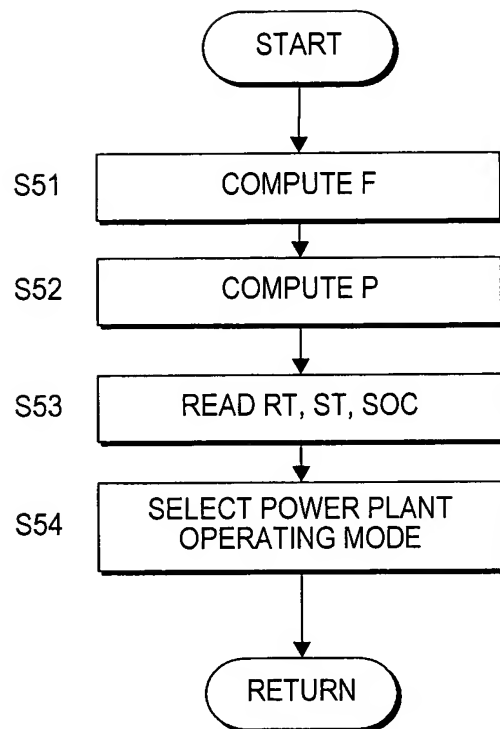
|                             |      | BATTERY SOC [%]                                     |   |
|-----------------------------|------|---|---|
|                             |      | SOC<SOC0  | SOC0≤SOC  |
| REFORMER<br>TEMP. T<br>[°C] | T<T0 | POWER<br>GENERATION/<br>CONSUMPTION<br>BALANCE MODE | HEAT GENERATION/<br>DISSIPATION<br>BALANCE MODE |
|                             | T0≤T |   | COMPLETE STOP<br>MODE                           |

**FIG. 11**





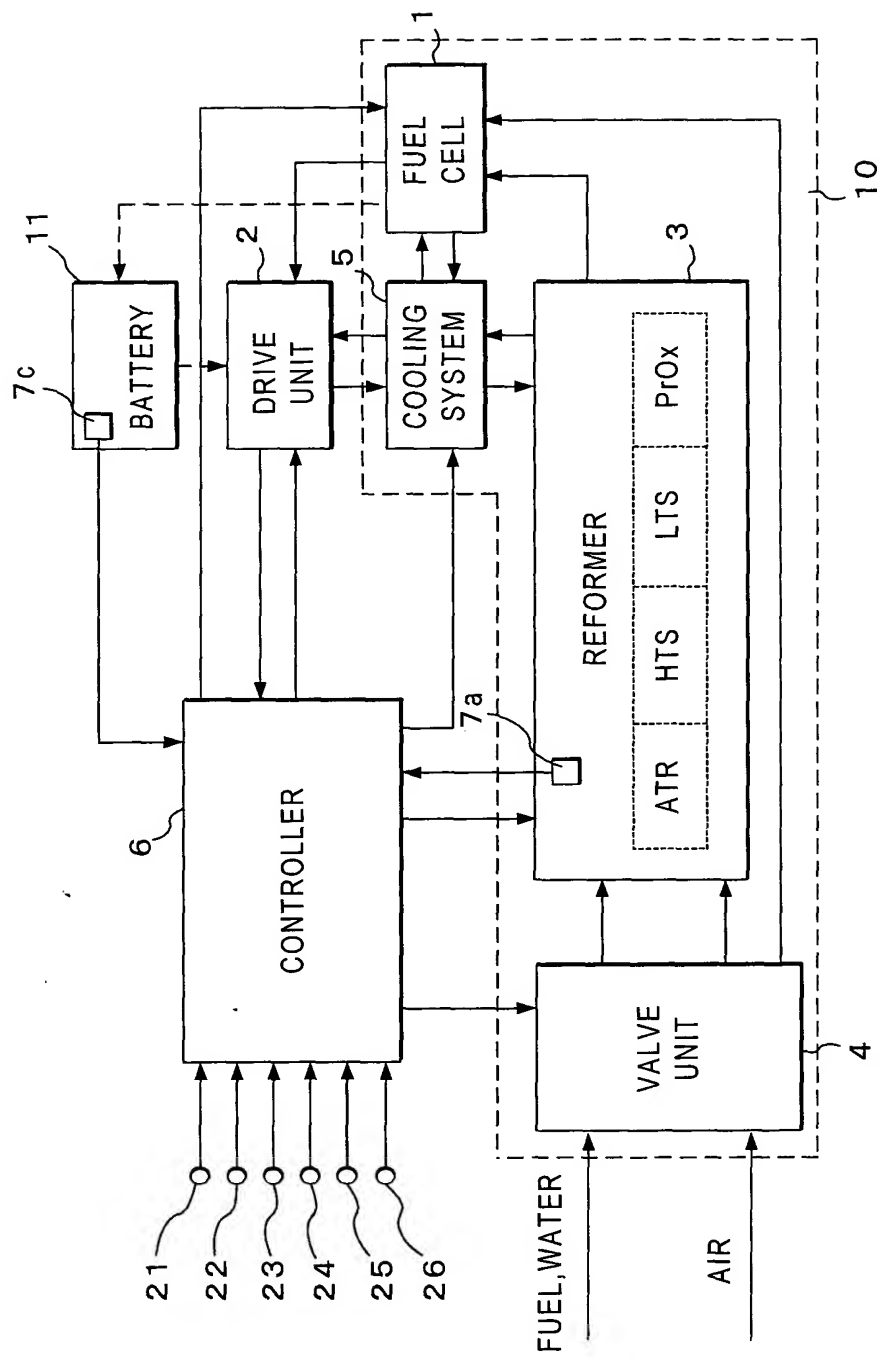
**FIG.12**



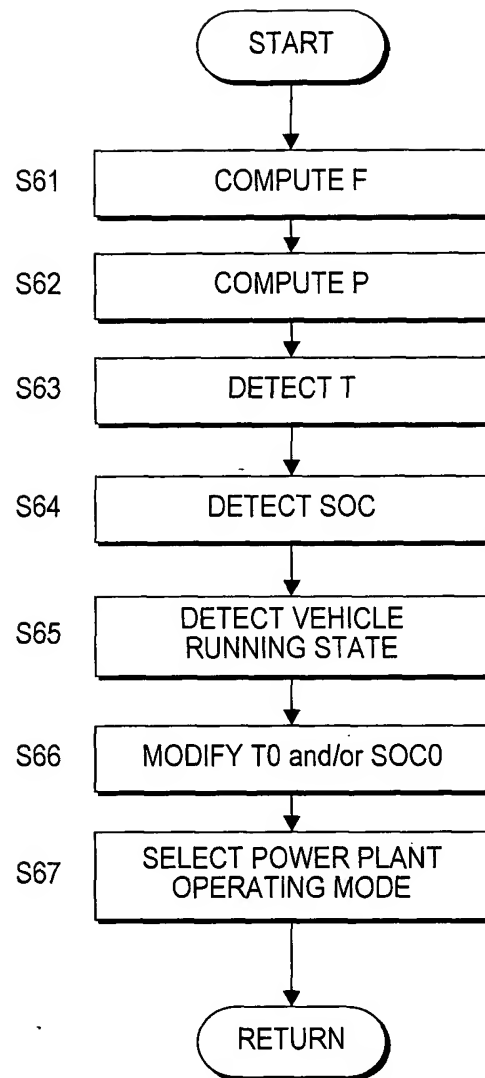
**FIG. 13**

|                              |  | BATTERY SOC [%]  |  |  |  |
|------------------------------|--|--|--|--|--|
|                              |  | POWER<br>GENERATION/<br>CONSUMPTION<br>BALANCE<br>MODE | SOC<SOC0   |  |  |
|                              |  |  | SOC0≤SOC   |  |  |
|                              |  |  | RUNNING TIME RT [min]                              |  |  |
| STOPPING<br>TIME ST<br>[min] |  |  | RT<10  | 10≤RT<15   | 15≤RT  |
|                              |  |  | HEAT<br>GENERATION/<br>DISSIPATION<br>BALANCE MODE | COMPLETE STOP<br>MODE                              | COMPLETE STOP<br>MODE                              |
|                              |  |  | HEAT<br>GENERATION/<br>DISSIPATION<br>BALANCE MODE | HEAT<br>GENERATION/<br>DISSIPATION<br>BALANCE MODE | COMPLETE STOP<br>MODE                              |
|                              |  |  | HEAT<br>GENERATION/<br>DISSIPATION<br>BALANCE MODE | HEAT<br>GENERATION/<br>DISSIPATION<br>BALANCE MODE | HEAT<br>GENERATION/<br>DISSIPATION<br>BALANCE MODE |

**FIG. 14**



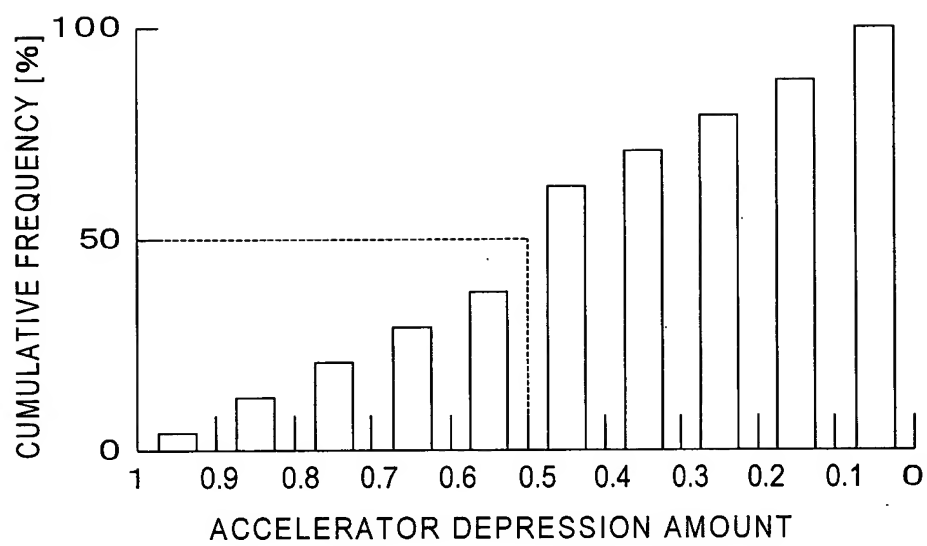
**FIG.15**



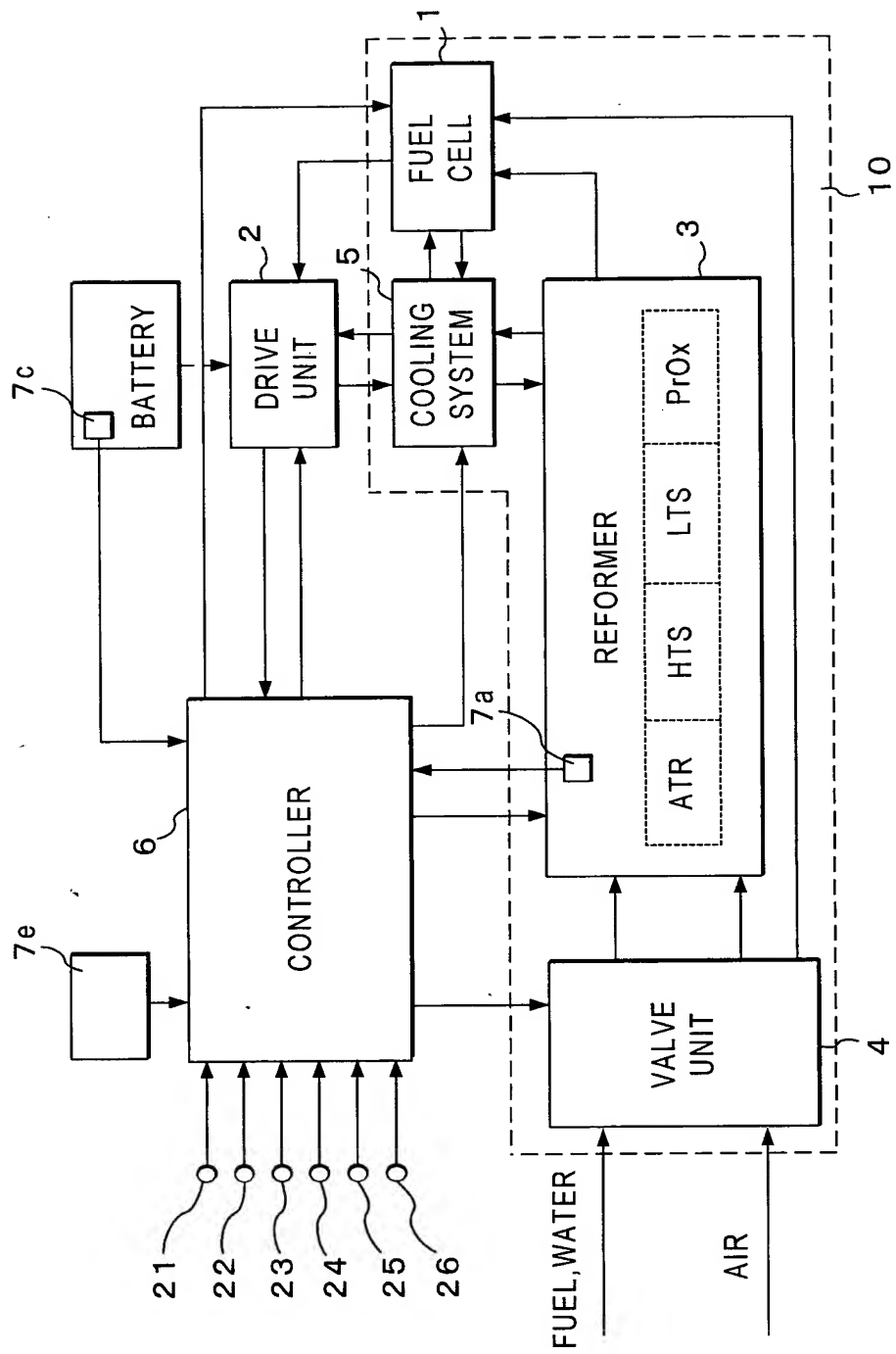
**FIG. 16**

|                             |      | BATTERY SOC [%]                                     |   |
|-----------------------------|------|---|---|
|                             |      | SOC<SOC0  | SOC0≤SOC  |
| REFORMER<br>TEMP. T<br>[°C] | T<T0 | POWER<br>GENERATION/<br>CONSUMPTION<br>BALANCE MODE | HEAT GENERATION/<br>DISSIPATION<br>BALANCE MODE |
|                             | T0≤T |   | COMPLETE STOP<br>MODE                           |

**FIG. 17**

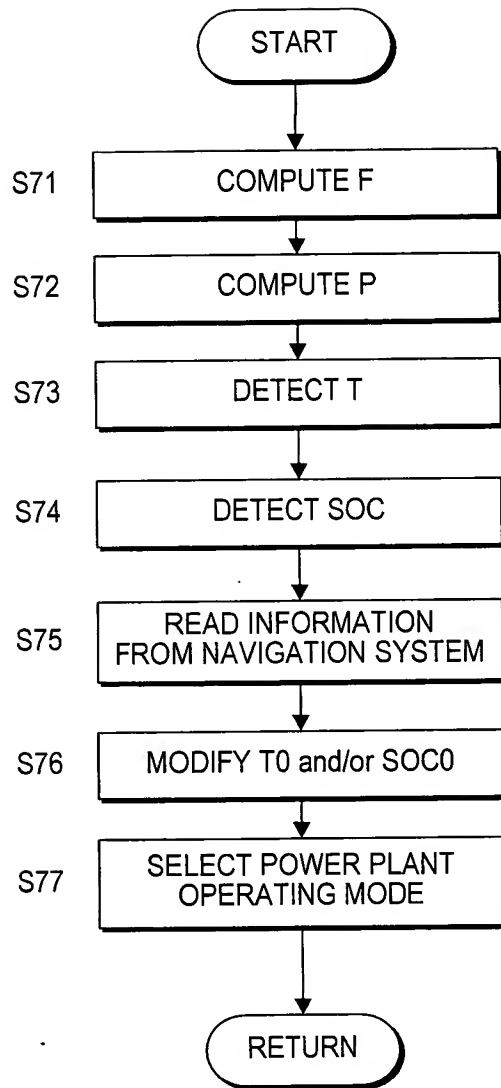


**FIG.18**

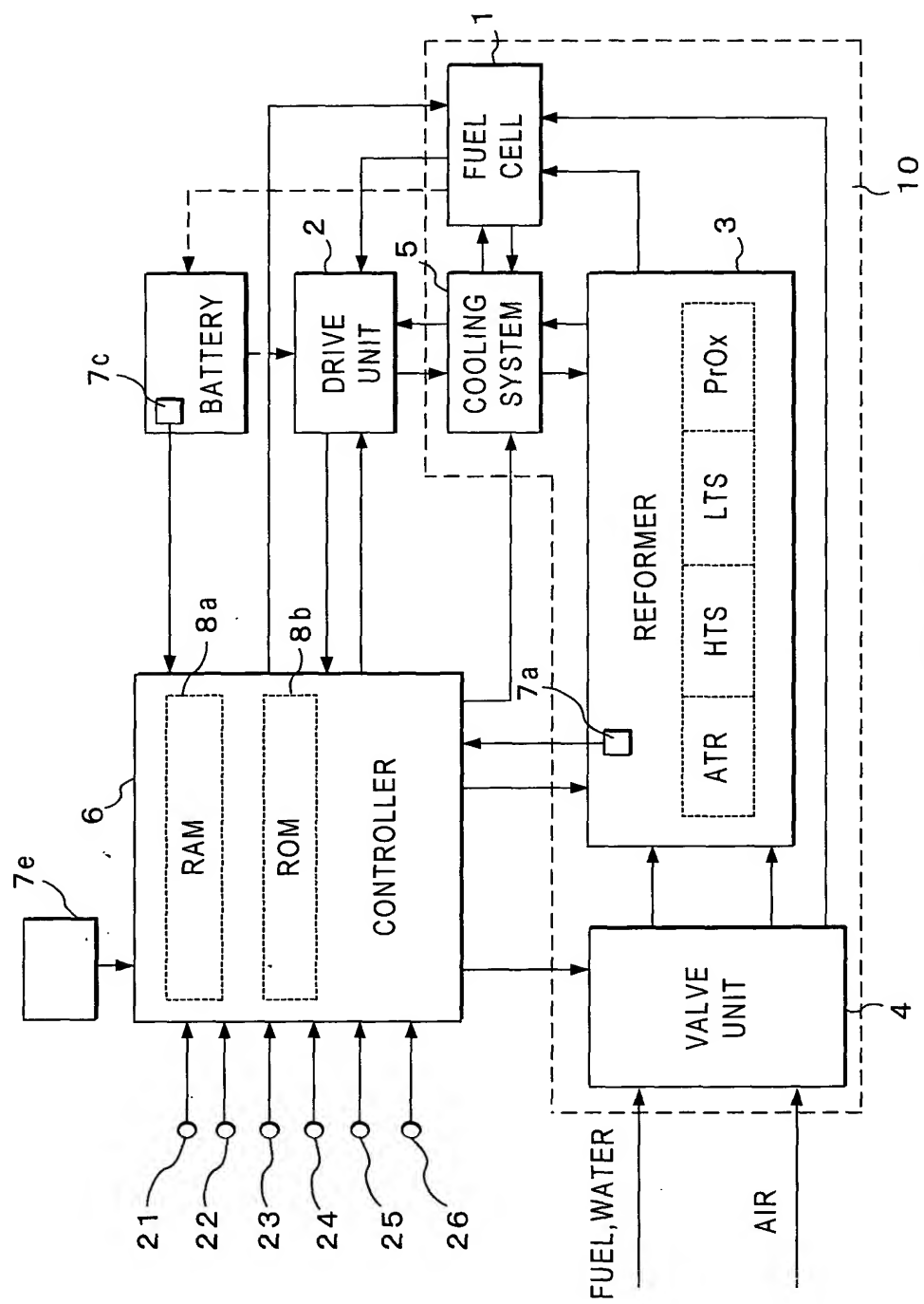


**FIG.19**

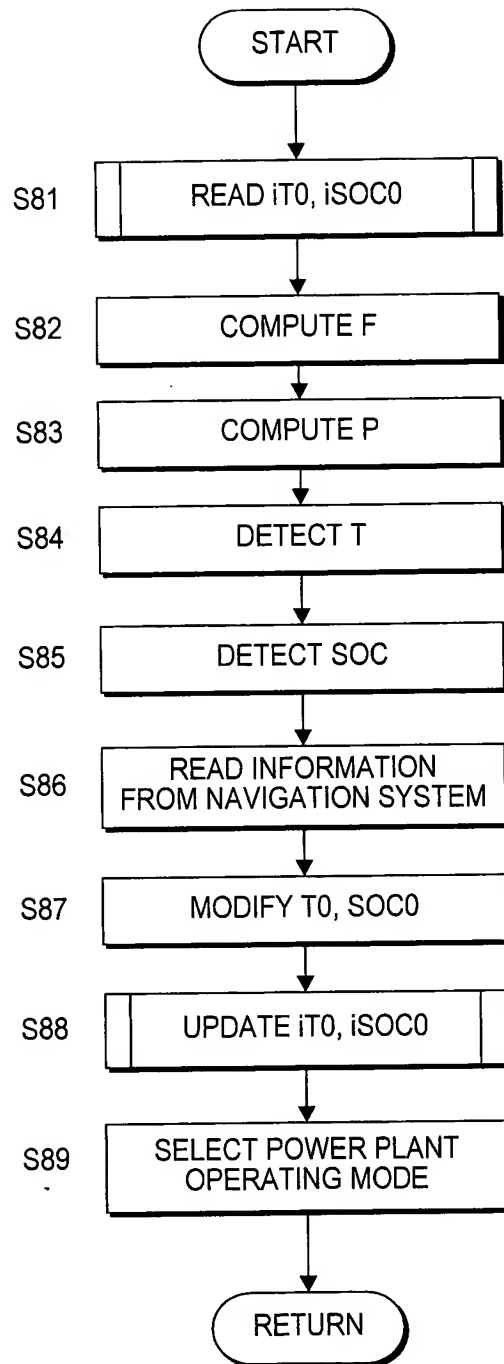




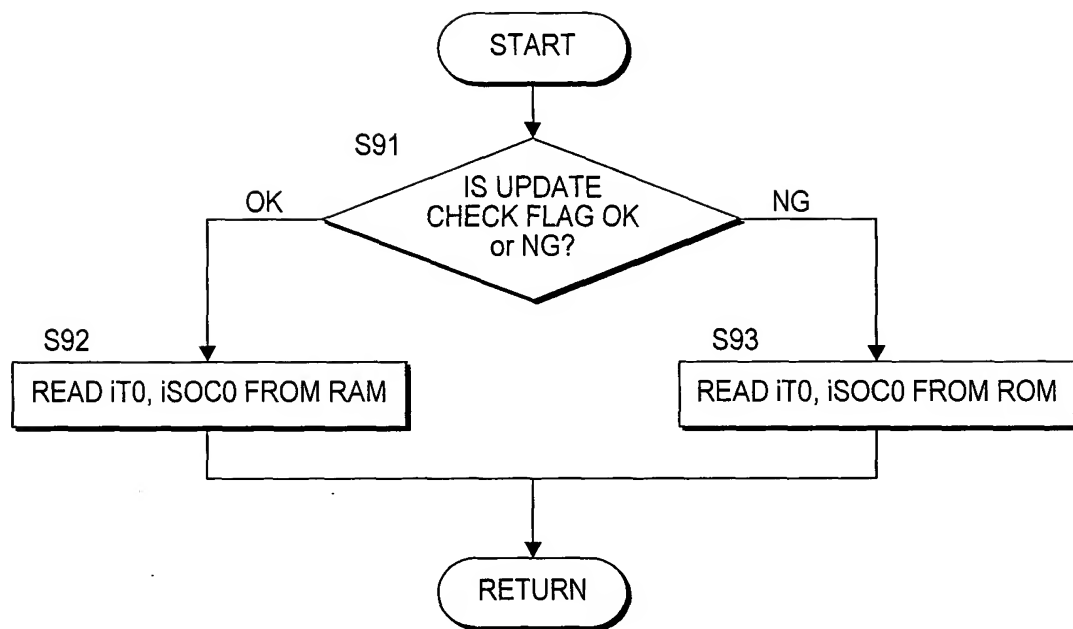
**FIG. 20**



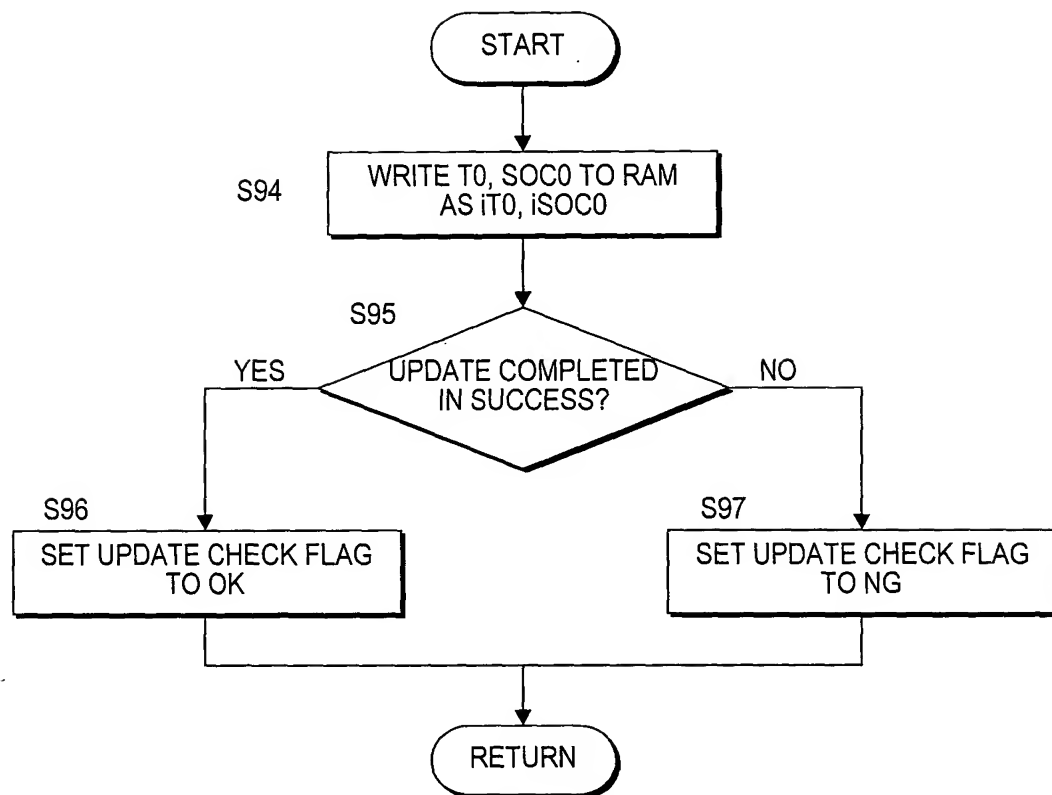
**FIG.21**



**FIG. 22**



**FIG. 23**



**FIG. 24**